

ABSTRACT:

Method and apparatus for writing optical recording media.

A method is described for setting an optimum write power for recording information on an optical recording medium. A series of test patterns (20', 21', 22') is written on the medium, the test patterns being written with different write powers. The values of the write power in subsequent test patterns form a symmetrical pattern. On reading the test
5 patterns, the modulation of each read signal is determined. An optimum value of the write power is determined from the modulations.

Figure 3

Figure 3 is a graph showing the modulation of the read signal versus the write power. The graph illustrates a symmetrical pattern of modulation values for different test patterns (20', 21', 22') written with varying write powers. The modulation values are plotted on the y-axis, and the write power is plotted on the x-axis. The pattern shows a peak in modulation at an intermediate write power, indicating the optimum value for recording.